

1. (amended) An extruded polymeric article comprised of a polymeric matrix and polymeric particles which are substantially spherical, highly crosslinked, have a mean particle size of between 25 to 55 micrometers and have a particle size distribution between 10-110 micrometers wherein the article has a frosted, a surface textured finish or a frosted and surface textured finish.

4. (amended) The article of Claim 3 wherein the polymeric matrix is comprised of polymethyl methacrylate.

6. (amended) The article of Claim 1 comprised of
a) 20 - 90% by weight, polymethyl methacrylate or alkyl methacrylate/alkyl acrylate copolymer matrix;
b) 0 - 50% by weight, modifiers; and
c) 5 - 60% by weight, highly crosslinked spherical polymeric particles comprised of about 0-100 % by weight, styrene; 0-100% by weight, alkyl methacrylate, 0-100% by weight, alkyl acrylate and crosslinking agent.

7. (amended) The article of Claim 1 comprised of
a) 20 - 90% by weight, polymethyl methacrylate or alkyl methacrylate/alkyl acrylate copolymer matrix;
b) 0 - 50% by weight, modifiers; and
c) 5 - 30% by weight, highly crosslinked spherical polymeric particles comprised of about
0-100% by weight, styrene,
0-100% by weight, alkyl methacrylate,
0-100% by weight, alkyl acrylate and crosslinking agent.

8. (amended) The article of Claim 1 comprised of
a) 20 - 90% by weight, polymethyl methacrylate matrix;
b) 0 - 50% by weight, modifiers; and

B²
A3
AM
c) 5 - 30% by weight, highly crosslinked spherical polymeric particles comprised of

0 - 50% by weight, styrene

100 - 50% by weight, alkyl alkylacrylate, alkyl acrylate or a combination thereof and

0.1- 2.5% by weight, crosslinking agent.

9. (amended) The article of Claim 1, wherein the particles are comprised of

a) 0 - 50% by weight, styrene;

b) 45-100% by weight, alkyl methylacrylate or alkyl acrylate;

c) 0.01-5% by weight, crosslinking agent.

A4
Sub B3
12. (amended) A resin comprised of

a) 20 - 90% by weight, matrix comprised of polymethyl methacrylate;

b) 5 - 50% by weight, modifiers; and

c) 5 - 30% by weight, highly crosslinked spherical polymeric particles comprised of

10- 50% by weight, styrene

90- 50% by weight, methyl methacrylate

0.1 - 2.5% by weight, crosslinking agent,

wherein the polymeric particles have a mean particle size of 25-55 micrometers, and a particle size distribution of between 15-110 micrometers.

A5
15. (amended) The resin of claim 12 wherein the polymeric particles contain a colorant.

Sub B4
16. (amended) A resin comprised of

a) 70 - 85% by weight, matrix comprised of polymethyl methacrylate; and

b) 15 - 30% by weight, highly crosslinked spherical polymeric particles comprised of

15 - 35% by weight, styrene